



Atty. Dkt. No. 016794-0447

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jürgen HEESEMANN

OK TO ENTER: /HS/
02/15/2008

Title: PROCESSING MACHINE AND
FLOATING-BEARING
ARRANGEMENT FOR IT

Appl. No.: 10/724,079

Filing Date: 12/1/2003

Examiner: Hadi SHAKERI

Art Unit: 3723

Confirmation 1670
Number:

AMENDMENT TRANSMITTAL

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an amendment in the above-identified application.

- ☐ Small Entity status under 37 C.F.R. § 1.9 and § 1.27 has been established by a previous assertion of Small Entity status.
- ☐ Assertion of Small Entity status is enclosed.

☒ The fee required for additional claims is calculated below:

	Claims As Amended		Previously Paid For		Extra Claims Present		Rate		Additional Claims Fee
Total Claims:	6	-	20	=	0	x	\$50.00	=	\$0.00
Independent Claims:	2	-	3	=	0	x	\$210.00	=	\$0.00
First presentation of any Multiple Dependent Claims:		+					\$370.00	=	\$0.00
CLAIMS FEE TOTAL									= \$0.00

☐ Applicant hereby petitions for an extension of time under 37 C.F.R. §1.136(a) for the total number of months checked below:

<input type="checkbox"/> Extension for response filed within the first month:	\$120.00	\$0.00
<input type="checkbox"/> Extension for response filed within the second month:	\$460.00	\$0.00
<input type="checkbox"/> Extension for response filed within the third month:	\$1,050.00	\$0.00
<input type="checkbox"/> Extension for response filed within the fourth month:	\$1,640.00	\$0.00
<input type="checkbox"/> Extension for response filed within the fifth month:	\$2,230.00	\$0.00
EXTENSION FEE TOTAL:		\$0.00
<input type="checkbox"/> Statutory Disclaimer Fee under 37 C.F.R. 1.20(d):	\$130.00	\$0.00
CLAIMS, EXTENSION AND DISCLAIMER FEE TOTAL:		\$0.00
<input type="checkbox"/> Small Entity Fees Apply (subtract ½ of above):		\$0.00
Extension Fees Previously Paid:		\$0.00
TOTAL FEE:		\$0.00

If any extensions of time are needed for timely acceptance of papers submitted herewith, applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date February 1, 2008

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AMENDMENT AND REPLY UNDER 37 CFR 1.116

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This communication is responsive to the Final Office Action dated January 4, 2008, concerning the above-referenced patent application.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this document.

Remarks/Arguments begin on page 5 of this document.

Please amend the application as follows:

a floating-bearing arrangement coupling the at least one drive shaft to the machine frame and the processing element, wherein the floating-bearing arrangement comprises at least two rolling-contact bearings coupled to one another and having a first rolling-contact bearing that is coupled with the drive shaft, and a second rolling-contact bearing that is arranged on the machine frame, and a common connecting bearing shell, wherein the connecting bearing shell supports rolling-contact bodies of the first and second rolling-contact bearings and wherein the bearing arrangement comprises a drive for moving the connecting bearing shell, wherein said processing element comprises an elongated pressure element for abrasive and wherein the pressure element is supported by the machine frame by means of at least two drive shafts located at a distance from one another in the longitudinal direction (L) that comprises a main expansion direction, and wherein at least one of the drive shafts is coupled with the machine frame by means of the floating-bearing arrangement; and

a spring element acting in the main expansion direction (L) to couple the support with the machine frame.

3. - 4. (Canceled)

5. (Previously Presented) A processing machine according to Claim 1, comprising two spindles which extend parallel to one another in the longitudinal direction (L) of the pressure element and which in each case comprise said floating contact bearings.

6. (Original) A processing machine according to claim 1, wherein the at least one drive shaft comprises an eccentric shaft.

7. (Previously Presented) A processing machine according to Claim 1, further comprising a pressure element pre-stressing the support in the axial direction of the drive shaft on the machine frame.

8. (Original) A processing machine according to claim 1, further comprising at least one toothed-belt drive for driving the at least one drive shaft, and a tensioning device (S) for pre-tensioning the toothed-belt drive.

9. – 16. (Cancelled)